

KILSSA, S. PROPERTIES AND PROPERTIES INDEX									
<div style="position: relative;"> COMMON ELEMENTS COMMON VARIABLE MODES <div style="position: absolute; bottom: 10px; width: 100%;"> <div style="float: left; width: 40%;"> <p>A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION</p> </div> <div style="float: right; width: 60%;"> <p>BOOK NUMBER</p> </div> </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>EFFECT OF SALTS ON PORE CONTENT. S. I. Kilssan and M. P. Hinson. <i>Soviet Materials</i> 1967, No. 1, 43-5.—Increase in content of NaCl, KCl and CaCl₂ decreases the mechanical strength of Mg chloride cement. MgCl₂ cannot be substituted by CaCl₂. Small additions of AlCl₃ do not influence the setting process, but the use of pure AlCl₃ leads to immediate setting. The highest strength is obtained with MgCl₂. Cement of a satisfactory strength is obtained with MgSO₄, but of a lower hygroscopicity than with MgCl₂.</p> </div> <div style="width: 50%; text-align: right;"> <p>K. N. Serbanowsky</p> </div> </div>									

KILESSO, S. I.

Geography and Geology

Requirements of industry as to the quality of mineral raw materials. Handbook for geologists--Moskva, Gos. izd-vo geologicheskoi lit-ry Komiteta po delam geologii pri SNK SSSR, No. 4^o, Magnesite, 1947.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

KILESSO, Sergey Konstantinovich; ISHCENKO, N.S., red.; KIYANICHENKO,
N.S., red.; GRISHKO, T.I., tekhn. red.

Kanev. Kiev, Gosstrolizdat USSR, 1964. 32 p. (MIRA 17:3)

KILESSO, V. A.

"A Method of Bacteriophage Typing for Typhoid and Paratyphoid
'B' and Its Importance in Antiepidemiological Practice (Data from
the Moscow Oblast)." Cand Med Sci, First Moscow Order of Lenin
Medical Inst, Moscow, 1955. (KL, No 13, Mar 55)

SC: S.m. No. 670, 29 Sep 55--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

KILESSO, V.A.; TIMEN, Ya.Ye.

Improvement in the epidemiological diagnosis of typhoid fever.

Zhur. mikrobiol., epidem. i immun. 27 no.3:34-37 Mr' 56.

(MLEA 9:7)

1. Iz Moskovskogo instituta vaktsin i syverotok imeni Mechnikova.
(TYPHOID FEVER, diagnosis,
immunol. technic (Rus))

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103496

Author : Kileso, V.

Inst : -

Title : Typhoid and Paratyphoid Standard Vi-Bacteriophages
and the Utilization of the Method of Phagotyping
in Anti-Epidemic Practice

Orig Pub: Sb. Bakteriofagiya. Tbilisi, Gruzmedgiz, 1957,
247-249.

Abstract: A study was made of the relation of 710 typhoid and
66 paratyphoid strains to standard Vi-phages. 77.9%
of the cultures studied could be classified in defi-
nite phagotypes; 16.7% were untypable, and 5.4%

Card : 1/2

KILESSO, V A

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000722520014-8"

ABS. JOUR. Ref Zhur-Biologiya, No.4, 1959, No. 14862

AUTHOR Kileso, V.A.

INST.

TITLE The Problem of the Practical Utilization of
the Method of Phage Typing of Typhoid Bac-
teria.

ORIG. PUB. Zh. mikrobiol., epidemiol. i immunobiol.,
1958, No.4, 38-41

ABSTRACT : The lytic property of Vi-phage was studied
in 96 typhoid cultures isolated from 46 pa-
tients. The following phage types were iso-
lated: A - 5 strains, C - 2, E₁ - 1, F₁ - 9,
F₂ - 10, and D₁ - 6 strains; two cultures
were polylytic, 10 did not type, and one
culture was in the V-form. Cultures were
isolated repeatedly (2 - 16 times) from 15
patients during the period of illness and
therapy with antibiotics. In each patient

CARD:

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*Moscow Inst Vaccines & Sera
in Mechanism*

KHEYFETS, L.B.; KILESSO, V.A.; KAPIAN, A.Ye.; GURALEVICH, G.S.; TIMEN, Ya.Ye.;
SKROZNIKOVA, A.V.; GUSEVA, Yu. I.

Epidemiological results of an investigation of polyvaccine. Zhur. mikrobiol.
epid. i immun. 29 no.10:44-48 0 '58. (MIRA 11:12)

(VACCINES AND VACCINATION,

typhoid paratyphoid-dysenterial polyvaccines, field re-
sults (Rus))

(DYSENTERY, BACILLARY, prev. & control,
same)

(TYPHOID FEVER, prev. & control,
same)

(PARATYPHOID FEVER, prev. & control,
same)

KILESSO, V.A.

Identification of salmonellas with the aid of O-bacteriophage.
Zh. mikrobiol. 40 no.7:86-89 J1'63 (MIRA 17:1)

1. Iz Moskovskogo instituta vaksin i syvorotok imeni Mechnikova.

KILESSO, V. A.

"Experiences concerning the prevention of the development of typhoid-paratyphoid
bacterium carriers."

report presented at 4th Intl Cong, Hungarian Soc of Microbiologists, Budapest,
30 Sep-3 Oct 64.

Cent Inst of Epidemiology, Moscow.

3/125/60/000/C 12/009/014
A161/A030

AUTHORS: Rabinovich, V.I.; Kilevich, F.V.

TITLE: Welding Metal Structures with CO₂ Shielding

PERIODICAL: Avtomaticheskaya svarka, 1960, No. 12, pp. 60 - 70

TEXT: Semi-automatic and automatic welding with CO₂ for shielding is used at the Barnaul Boiler Plant. The equipment and the techniques are described. The semi-automatic "A-537" welder of the Electric Welding Institute imeni Ye.O. Paton is used with a ЗП-7.5/30 (ZP-7.5/30) generator with self-excitation. The generator with the control system are placed in one closet; the feed mechanism and the holder with welding wire coil are mounted on a mobile carriage. (No illustrations and no further details are given). The Barnaul plant has developed holders of its own design for the "A-537" welder (Fig. 1) that are simple to make, enable access to difficult spots, and have little weight - 750 g and 800 g. The heavier model is water cooled. An acetylene pressure meter is used as flow meter. Low-carbon steel is welded with food industry grade CO₂ per GOST 8050-56 standard, and Cg-10TC (Sv-10GS) 2 mm wire per GOST 2246-54 (0.11% C, 0.04% Mn, and 0.7% Si). Wire is cleaned by heating to 250 - 300°C during 0.5 - 1.0 hr; in the welding process it

✓

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Welding Metal Structures with CO₂ Shielding

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A161/A030

is passed through a row of rubber washers in front of the wire feed mechanism. The washers are periodically replaced. The semi-automatic process is used for butt and angle welds, with inverse polarity, by narrow beads with rapid holder motion, producing a bead with 3 - 10 mm leg. 6 mm-leg welds are made with cross oscillation of the electrode. Slow motion of the holder is not recommended because of increased spatter and spoiled welds. A welding pool wider than 10 mm and longer than 20 mm at less than 20 m/hr welding speed impairs the gas shielding and results in pores and holes in weld metal. To avoid this the nozzle outlet diameter and the gas feed must be increased, as well as the welding speed. The process details for butt and angle welds are given (Table 2).

Joint	Metal depth, mm	Passes	I, amp	U, volt	V, m/hr	Elect. mode throat, mm	Gas feed liter/min	Electrode incline °
Angle	3	1	210-250	27-29	20-40	20-25	8-10	45
	5	1	210-250	28-30	30-40	20-25	8-10	45
	8	2	210-250	29-31	25-35	20-25	8-10	45
	10	2	210-250	31-33	20-30	20-25	10-12	45

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Welding Metal Structures with CO₂ Shielding

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Table 2 continued:

	3	1	210-250	28-29	35-45	20-22	10-12	25-35
	5	1	210-250	28-30	30-40	20-22	10-12	25-35
Butt	8	2	210-250	29-31	25-35	20-22	10-14	25-35
	10	2	210-250	31-33	25-30	20-22	12-15	25-35

The semi-automatic process has raised the work productivity in welding brackets, supports, ladders and other details of boiler frames 1 1/2 times. An automatic apparatus (Fig. 2) is used for welding lids to pipes (developed at the Barnaul plant) (Fig. 3). It consists of a welding head made of an АДШМ -500 (ADSHM-500) feed mechanism, controls, a rotator, a bobbin for wire and a ЗР-7.5/30 self-excitation generator. Welding is done with inclined electrode from the top, with D.C. on inverse polarity. The welds quality is much better than in manual welding the work productivity 5 times higher. Another welding automation with program-cam control is mentioned (without description), developed at the plant's welding bureau for joining one workpiece only with three circular welds and one inclined weld - spark extinguisher for tractor engines (Fig. 4). It can also be used for

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Welding Metal Structures with CO_2 Shielding

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other work with the same length and welds. [Abstracter's note: No legend to Fig 1 is included]. Editor's note: Sv-10GS welding wire does in the most part of possible cases not guarantee sound welds and is therefore not recommended. GOST 2C (Sv-08G2S) per GOST 2246-60 ought to be used. ✓

ASSOCIATION: Barnaul'skiy kotel'nyy zavod (Barnaul Boiler Plant)

SUBMITTED: May 16, 1960

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Welding Metal Structures with CO₂ Shielding

S/125/60/000/012/009/014
A161/A030

Figure 1:

Holders for semi-automatic welding

a - without
water cooling
b - with water
cooling

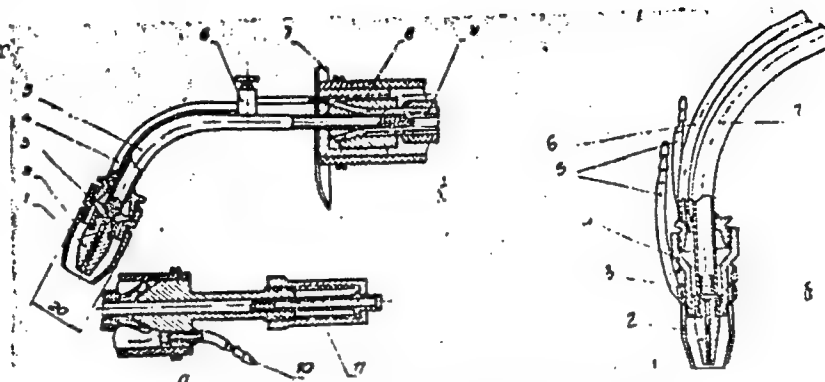


Рис. 1. Держатели для полуавтоматической сварки:
а - без водяного охлаждения; б - с водяным охлаждением.

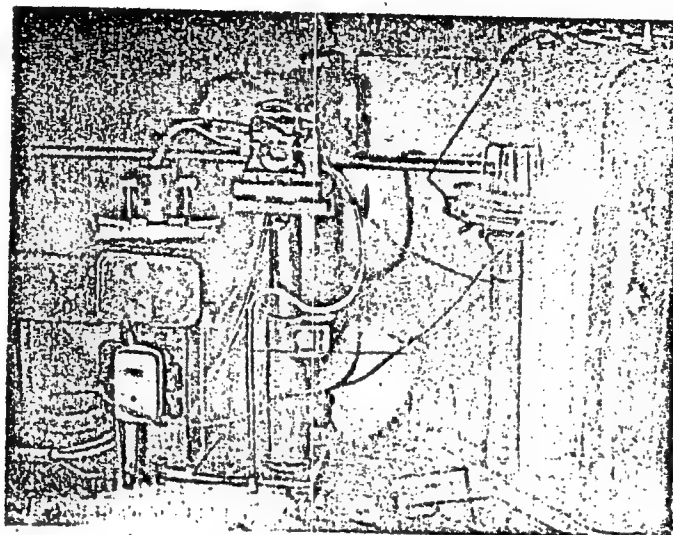
Card 5/6

Welding Metal Structures with CO₂ Shielding

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A161/A030

Figure 2:

Installation for the
automatic welding-on
of blind flanges to
connecting pipes



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Рис. 2. Установка для автоматической приварки заглушек к штуцерам.

KILEYEV, A

BOBROVNIKOV, M. (Moskva); RAKOV, V. (Murmansk); KILEYEV, A. (Astrakhan').

Closer cooperation with councils of the National Economy. Pozh.
delo 4 no.2:3-5 F '58. (MIRA 11:1)

(Fire prevention)

KILEYEV, A.

Pressboard made of reeds can be fireproofed. Pozh.delo 6 no.12:
9 D '60. (MIRA 13:12)

1. Nachal'nik Otdela pozharnoy okhrany Astrakhanskogo oblispolkoma.
(Building, Fireproof) (Reed (Botany))

KILEZHENKO, V.P.; PODYMAKHIN, V.N.

Atomic age and the ocean. Priroda 53 no. 12:39-43 '64. (MIRA 18:1)

1. Polyarnyy nauchno-issledovatel'skiy institut rybnogo khozyaystva
i okeanografii, Murmansk.

FEDOROV, A.F.; PODYMAKHIN, V.N.; KILEZHENKO, V.P.; BUYANOV, N.I.
GOLOSKOVA, E.M.

Radiation conditions in the fishing regions of the North
Atlantic. Okeanologiya 4 no.3:431-436 '64 (MIRA 18:1)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut
morskogo rybnogo khozyaystva i okeanografii imeni N.M.Knipovicha.

SAMONOV, G.V.; KLIK, S.P.; YEL'KIN, G.E.; KIL'PIN, G.I.

Thermodynamic functions of the sorption of vitamin B₁ by the salt
forms of sulfonated resins. Koll. zhur. 27 no.1:101-105 Ju-F '65.
(MIRA 18 3)

1. Leningradskiy khimiko-farmatsevticheskii institut.

KILIAN, Tb.

Geology and Mining at the Exhibition of French Nuclear Engineering.
Przegl geol 11 no.9: 3 of cover S'63

KILLIAN, J. : BALAZS, Gy

"Increasing the Solidity of Mortar and Concrete by Means of Vet
Crushing", P. 351. (SZIVERTESUDOKIANY SZAMLE, Vol. 4, No. 7/8,
July/Aug. 1954, Budapest, Hungary)

SO: SC: Monthly List of East European Accessions, (ITAL), LC, Vol. 4,
No. 1, Jan. 1959, Uncl.

KILIAN J.

Introduction of new building methods in the Prumstav Plant of the Stavomentaze Enterprise; experiences in the use of rivet guns. p.263.
(Pozemni Stavby, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

HUNGARY/Chemical Technology. Chemical Products and Their Applica- H-13
APPROVED FOR RELEASE: 06/13/2000
CIA-RDP86-00513R000722520014-8"

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82492

Author : Balazs G., Kilian J.

Inst : -

Title : Creep and Self-Packing of the High-Strength Concretes.
Concrete of Low Creep

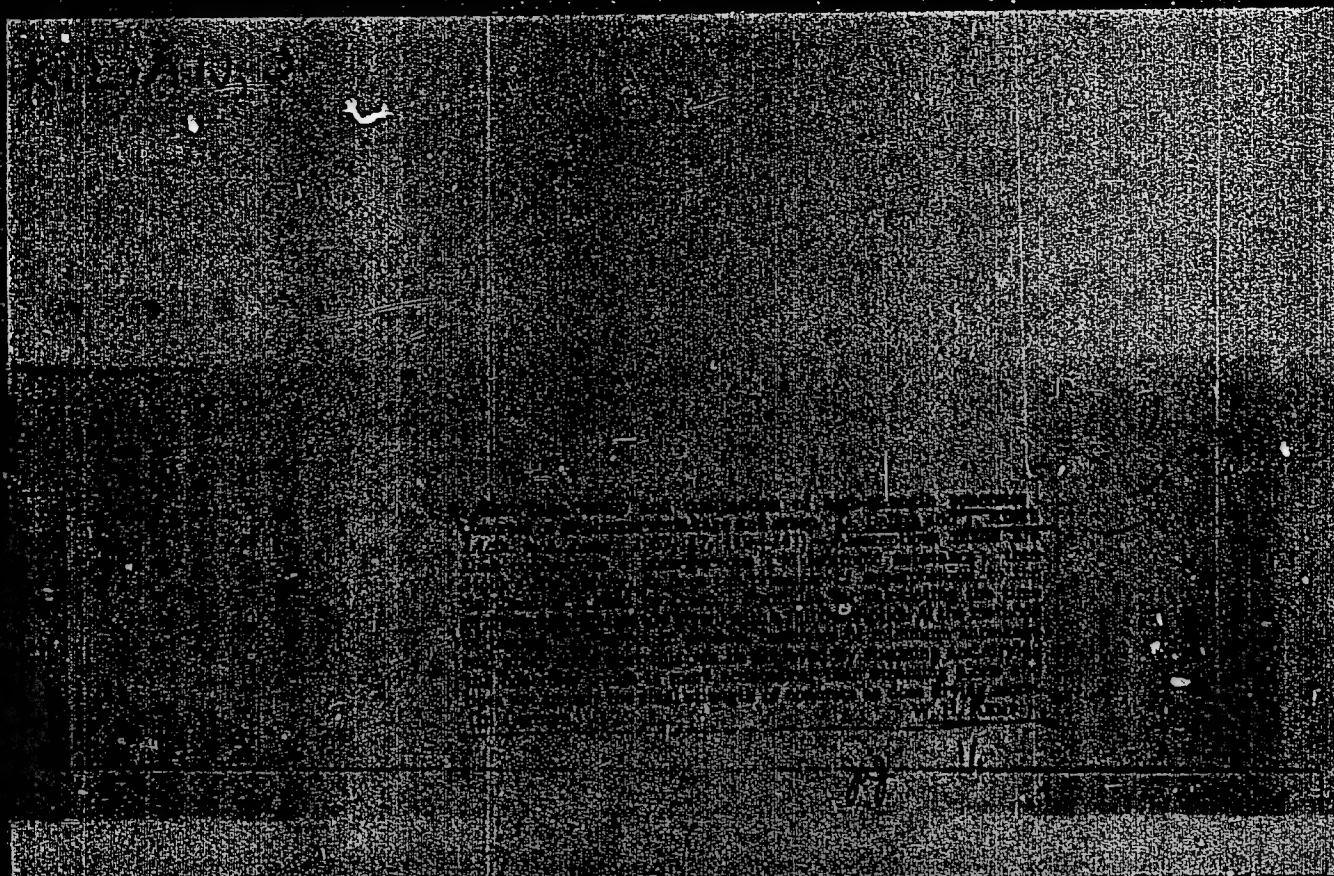
Orig Pub : Melyepitestud. szerelo, 1957, 7, No 1-3, 52-64

Abstract : General problems pertaining to creep and to self-packing characteristics of the high-strength preloaded (sic) concretes are reviewed. Bibliography includes 9 titles. -- D.
Pyushpeki

Card : 1/1

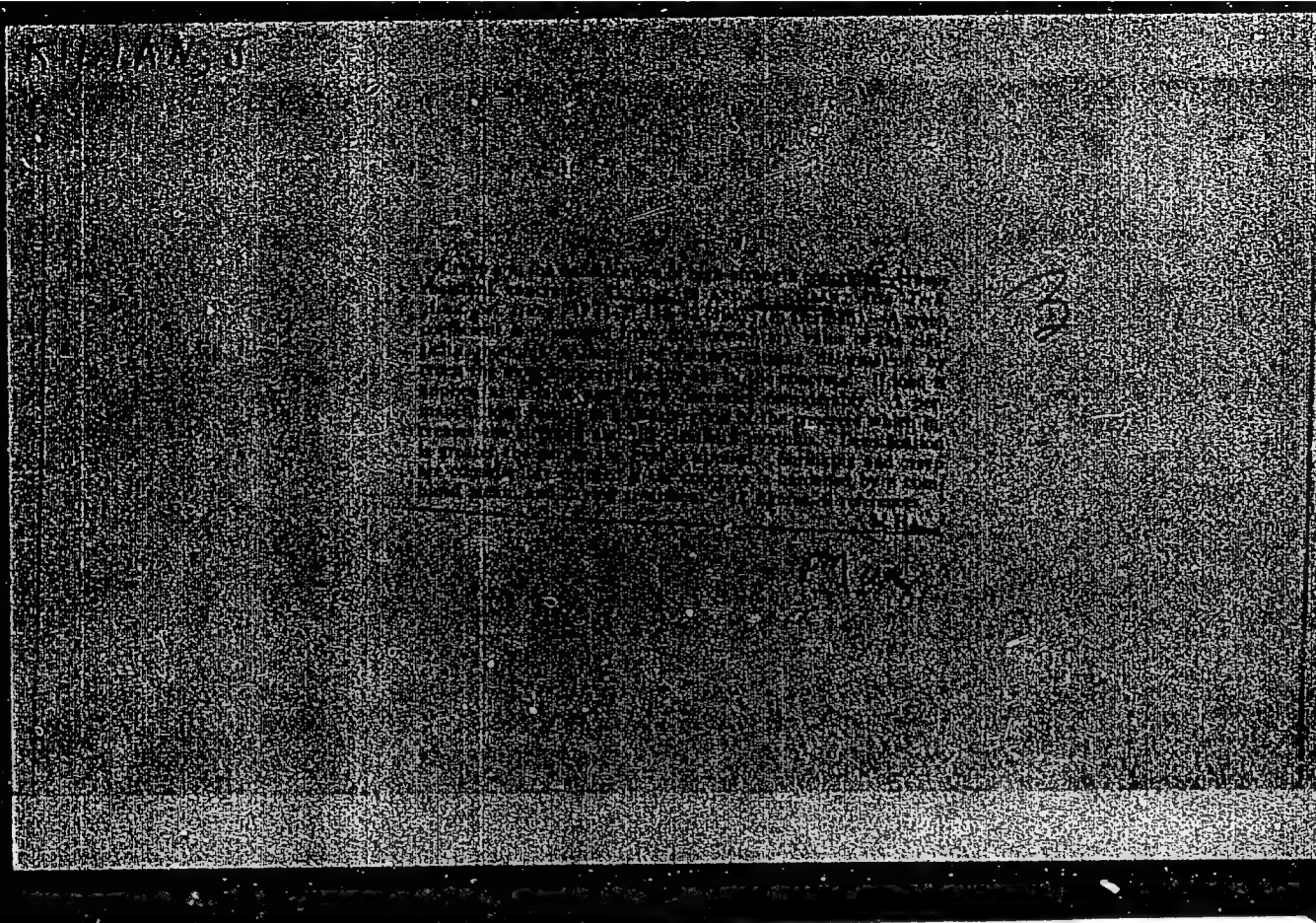
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CIA-RDP86-00513R000722520014-8"



KILIAN, J.

Author : Hungary

E-13

Institution :

Country :

4/652

Editor : Balazs, G.; Kelen, J.; Kilian, J.

Institution :

Title : New Procedure of Accelerating Concrete Hardening

Int. J. : Bytostyag, 1954, 10, No 9, 324-331

Abstract : The known procedures of accelerating the process of hardening are considered. A procedure is described, for accelerating the hardening by incorporation of crystallization primers. It is noted that this results in strength increase during the initial periods of hardening, by 10-30%. Incorporation of crystallization primers is used in combination with other methods.

Notes:

Kilian, J.; Balazs, By.

Shrinking and slow deformation of concretes containing crushed additive materials. p.423

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes-es Kozlekedesepitestudomanyi Egyesulet)
Budapest, Hungary. Vol.9, no.9, September 1959

Monthly List of East European Accessions (EEAI) 1G, Vol.8, no.11
November 1959
Uncl.

KILIAN, J.; BALAZS, GY.

Remarks on Tibor Pal's article "Problems of Safety as Reflected by the Material Properties of our Concretes." p. 486.

MELYEPITESTUDOMÁNYI SZEMLE. (Közlekedés- és Közlekedéscsopitestudományi Egyesület) Budapest, Hungary. Vol. 9, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 12, Dec. 1959.

Uncl.

KILIAN, Jozsef

Tasks of the building and building materials industry in 1961.
Epites szemle 5 no.2:33-39 '61.

KILIAN, Jozsef

Further tasks in exploiting labor productivity reserves. Munka szemle
5 no.7:1-6 J1 '61.

KILIAN, Jozsef

National Conference on Mechanical Engineering. Magyar ipar 11
no.11:489-490 '62.

1. Építészeti miniszter első helyettese.

KILIAN, Jozsef; BALAZS, Gyorgy

Inner forces of circular-symmetrical revolution surface tanks
at unequal changes of temperature. Melyepit tud sz 12 no.2:
76-82 F '62.

BALAZS, Gyorgy; KILIAN, Jozsef

Remark about the article by Tibor Pal entitled "Safety questions as reflected in the material qualities of Hungarian concretes." Melyepitestud szemle 9 no. 10:486-487 0 '59.

KILIAN, Jozsef

Optimum composition of high-strength autoclaved concretes.
Epitoanyag 16 no. 4: 121-134 Ap '64.

1. Chair of Building Materials, Technical University of
Building and Transportation, Budapest.

GYARMATHY, Gyula; KILIAN, Jozsef; SZEKELY, Istvan.

Analysis of hardening characteristics of clinker minerals
with special regard to isothermal curing. Epitoanyag 16
no. 5: 161-174 My '64.

KILLIAN, Jozsef

Structure and properties of autoclaved concretes.
Építőanyag 16 no.6:210-221 Je '64.

1. Chair of Building Materials, Technical University of
Building and Transportation, Budapest.

KILLIAN, Jozsef

Achievements and principal tasks in developing construction
and silicate industry research. Epites szemle 8 no.1:1-7
1965.

1. First Deputy Minister of Construction, Budapest.

KILIAN, K.; HORAK, L.

Low postbulbar ulcer. Cesk. gastroent. vyz. 17 no.3:185-188
Ap '63.

1. Chirurgické oddelení nemocnice ve Svitavách, vedoucí
MUDr. L. Vemola.
(PEPTIC ULCER HEMORRHAGE) (DUODENAL ULCER)

KILIAN, Karel; CACH, Julius

Diverticulosis of the jejunum. Rozhl. chir. 38 no.9:652-655 S '59

1. Chirurgické oddělení OUNZ ve Svitavách, primár MUDr. Leopold
Vemola Rentgenologické oddělení OUNZ ve Svitavách, prim. MUDr.
Julius Cach.

(DIVERTICULOSIS, surg.)
(JEJUNUM, dis.)

DOROBISZ, Tadeusz; PRZESTALSKI, Stanislaw; BIELINSKI, Edward; KILIAN, Mieczyslaw; OLEARCZYK, Julian

Penetration of P-32 into erythrocytes in various modes of the preservation. Acta physiol. Pol. 15 no.6:839-844 N-D '64

1. Z I Kliniki Chirurgicznej Akademii Medycznej we Wroclawiu (kierownik: prof. dr. K. Czyzewski); z Katedry Fizyki Wzrostowej Szkoły Rolniczej we Wroclawiu (kierownik: z-ca prof. dr. S. Przystalski) i ze Stacji Krwiodawstwa we Wroclawiu (kierownik: doc. dr. T. Dorobisz).

KILIAN, Mieczyslaw, mgr. inz.

The setting of line shaft alignment during ship repair. Bud
okretowe Warszawa 7 no.7:237-241 J1 '62.

1. Gdanska Stocznia Remontowa, Gdansk.

KILIAN R.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Treatment of Solid Mineral
Fuels.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44483.

Author : Kilian R.

Inst : _____

Title : The Possibilities of an Efficient Utilization of
Peat.

Orig Pub: Paliva, 1957, 37, No 12, 421-422.

Abstract: A short article concerning the methods of working,
treatment, drying, briquetting, and also of low
temperature carbonization and gasification of peat,
based on practices of German Democratic Republic.

Card : 1/1

KILIAN, V.

Typhoid fever of the gallbladder. Lek. listy, Brno 6 no.19:570-572
1 Oct 51. (CJML 21:4)

1. Of the First Surgical Clinic (Head--Prof. Josef Podlaha, M.D.) and
of the Second Internal Clinic (Head--Prof. J. Polcek, M.D.) of Masaryk
University, Brno.

KILIAN, V.

Skin plastic surgery in operation for hernia. Rozhl.chir. 30 no.1:11-17
1951. (CML 20:7)

1. Of the First Surgical Clinic of the Medical Faculty of the Masaryk
University in Brno (Head--Prof. J. Podlaha, M.D.).

KILIAN, V.

Plastic surgery of tendons with the aid of cutis. Lek. listy,
Brno 8 no.3-4:70-72 1 Feb 1953. (CML 24:3)

1. Of The First Surgical Clinic (Head—Prof. J. Podlaha, M.D.) of
Masaryk University, Brno.

KILIAN, Vilem

A chart of normal laboratory values. Vnitr. lek., Brno
1 no.9:655-671 Sept 55.

1. Z I. chirurgicke kliniky MU, prednosta prof. Dr. Josef Podlaha.
(DIAGNOSIS
biochem. exam., chart of laboratory values.)

KILIAN, Vilem.

Early postoperative ambulation; prevention of postoperative complications. Rozhl. chir. 36 no.3:171-176 Mar 57.

1. I. Chirurgická klinika MU v Brně, přednosta prof. Dr J. Podlaha.
(POSTOPERATIVE CARE,
early ambulation in prev. of compl. (Cz))
(SURGERY, OPERATIVE, compl.
early ambulation in prev. (Cz))

KILIAN, Vilem (Brno, Pekarska 53)

A turbidity reaction in determination of operative risk. Rozhl. chir.
37 no.2:78-85 Feb 58.

1. I. chirurgicka klinika Masarykovy university v Brne, prednosta prof.
Dr. J. Podlaha.

(SURGERY, OPERATIVE

risk, determ. by serum turbidity tests (Cz))

KILIAN, Vilam

Subcutaneous tendon rupture. Razhl.chir.39 no.12:823-828 D '60.

1. I. chirurgicka klinika University v Brns, prednosta prof. dr.
J. Podlaha.

(TENDONS wds & inj)

KILIAN, V.; LUKL, P.

Malignant neurilemmoma of the sciatic nerve. Rozhl. chir. 40 no.11:
732-737 N '61.

1. I chirurgická klinika University J. Ev. Purkyně v Brně, přednosta
prof. dr. J. Podlaha.

(NEURILEMMOMA case reports) (SCIATIC NERVE neopl)

KILIAN, V.

Concomitant peptic ulcer of the duodenum and esophagus. Rozhl.
chir. 42 no.2:79-81 F '63.

1. I. chirurgická klinika lékařské fakulty UJEP v Brně, přednosta
prof. dr. J. Podlaha, DrSc.

(DUODENAL ULCER)

(ESOPHAGITIS PEPTIC)

KILIAN, V.

Calcified hematoma in the costoclavicular isthmus. Rozhl.
chir. 42 no.7:496-498 JI '63.

1. I chirurgická klinika lékařské fakulty UJEP v Brně,
prednosta prof. dr. J. Podlahy, DrSc.
(HAND) (HEMATOMA) (CALCIFICATION)
(BRACHIAL PLEXUS) (HORNERS'S SYNDROME)

KILIAN, Z

1962. Review, Periodic Geology, Vol. 10, No. 2 (1967), February 1968.
1. "Plan of Geological Works for 1963." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 63-67.
 2. "Geological Exploration of Deposits for Sources of Construction Ceramics." Prepared VAPYECI of the Chair of Geology and Geology-Technology, Institute of Geology and Geology of the Warsaw University (On the basis of the work of the Chair of Geology and Geology-Technology, Warsaw); pp. 67-72. (English summary).
 3. "Prospects of Earth Resources in the Stralla Region." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 72-73. (English summary).
 4. "Deposits of Clay for Construction Ceramics in the Stralla Region." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 73-78. (English summary).
 5. "Prospects for the Exploration of Quarries in the Stralla Region." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 79-83. (English summary).
 6. "Sixth Congress of IGQA." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 84-87.
 7. "International Exhibition of Maps and Maps (IGMA)." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 87-89.
 8. "The Problems of Mineralogical Phase Analysis of Gneiss." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 89-92. (English summary).
 9. "Mineralogical Phase Analysis of Gneiss in the Light of the Vertical Phase Analysis of Deep Boreholes." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 92-96. (English summary).
 10. "Use of Patterns in Geological-Engineering Research." See KILIAN, Z. Summary of the Central Director Office, Central-United Geology; pp. 97-101. (English summary).

KOZYDERA, Zbigniew; KILIAN, Zbigniew; KADO, Marian

Clay raw materials for construction ceramics in the Lublin Voivodeship.
Przegl geolog 10 no.2F:75-78 '62

KILIAN, Zdenek; KRKAVEC, Frantisek

Second contribution to the knowledge of the flora of ore
slopes in Ostrava area. Prir cas slezsky 23 no.1:45-50 '62.

KILIAN, Zdenek; KRKAVEC, Frantisek

Contribution to the knowledge of flora of Frydek area. Prid
cas slezsky 23 no.3:325-340 '62.

KILIAN, Zdenek

New discoveries of *Glyceria declinata* Breb. in Silesia. Prid cas
slezsky 23 no.3:376 '62.

Kilianová, E.

1935. Influence of bacterial metabolites on experimental tumours.
V. Morávek and E. Kilianová. *Publ. Fac. Sci. Masaryk Univ., Brno*,
1934, No. 360, p. 70 (reprint). -- Bacterial filtrates of streptococci,
Escherichia coli, and other micro-organisms growing upon decom-
posing human tumours, together with "Coley's toxin", were
prepared. The influence of these prep. on the growth of Walker's
sarcoma in rats was studied and it was found that none of the prep.
had any influence on the growth of this tumour.

BRITISH ABSTRACTS

NOT RECORDED

KILIAN, ARNOLD, Dr., of the Institute for Special Zoology and Zoological Insect at Humboldt University (Institut für Spezielle Zoologie und Zoologisches Museum der Humboldt-Universität) (Director: SANDAU, Initial(s) not given), Professor, Dr.), and FRICK, Wolfgang, Dr., of the Office for Veterinary Examination and Animal Hygiene (Veterinäruntersuchungs- und Tiergesundheitsamt) (Director: WOLFSACK, Initial(s) not given), Ph. D.) in Berlin and Potsdam, respectively.

"Intermediate-Host Snails of Important Domestic Helminths. Part 1: Functions, Description, and Biology of the Intermediate-Host Snails"

Jena, Angewandte Parasitologie, Vol 4, No 2, Jul 1963, pp 65-72.

Abstract: The present knowledge of the functions of intermediate hosts in land- and fresh-water-snails in regard to the native helminths of domestic and other useful animals was reviewed. Data on the morphology, life cycle, occurrence, distribution, reproduction, and nutrition were given for the following: *Viviparus contectus*, *Valvata piscinalis* *piscinalis*, *Bithynia tentaculata*, *Bithynia leachi*, *Physa fontinalis*,

1,
1

KARAJOVIC, D.; KRATERA, D.; PAVLOVIC, V.; KALIC, D.; SLAVKOVIC, V.;
KILIBARDA, M.

Pneumoconioses in Yugoslavia; silicosis in the Bor mine. Glasn. hig.
inst., Beogr. 3 no.1-2:1-23 Jan-June 54.
(SILICOSIS, statist.
in Yugosl.)

YUGOSLAVIA

ADUM, Dr Ognjan; and MARKOVIC, Dr Miodrag; Institute of Occupational Medi-
cine, Socialist Republic of Serbia (Institut za medicinu rada SR Srbije)
Beograd (Direktor) Docent Dr Milos KILIBARDA; and Medical Department of Public
Transit Agency of City of Belgrade (Zavod za javni prevoz i saobraćaj, Beograd)
saobraćajnog preduzeća) Head (Upravnik) Dr Dragan JOVANOVIĆ, Belgrade.

"Protecting the Health of Transportation Workers."

Belgrade, Narodno Zdravlje, Vol 21, No 8-9, 1965; pp 257-264.

Abstract : Very thorough analysis of the many reasons why traffic accidents
have been increasing very sharply in both frequency and severity over the
course of the recent years in Yugoslavia: professional drivers and tram or
trolley or bus conductors are incredibly overworked, as some of them may
work 7 days a week for months on end, often with overtime at night too;
then the noise, temperature; many of these and other noxious factors are
analyzed and discussed in detail, as are some proposed corrective steps.
Graph, 4 tables; 5 Yugoslav and 8 Western references.

1/1

- 21 -

Occupational Medicine of the Socialist Republic of Serbia (Institut za
medicinu rada SRS,) Belgrade.

"Osmotic Resistance of Leukocytes Following Fractionated X-Irradiation of
Rats."

Zagreb, Arhiv za Higijenu Rad. i Zdravlje

YUGOSLAVIA

KILIBARDA, Momcilo, Dr: Belgrade [No affiliation].

"Structure of Mental Disturbance in Yugoslavia"

Belgrade, Narodno zdravlje, Vol 22, No 1, 1966, pp 18-21

Abstract [Author's English summary modified]: The article presents the structure of mental disturbances based on data provided by mental hospitals and psychiatric institutions for 1962. Schizophrenic patients occupied 62% of total number of available beds. Fifty-three percent of the patients were treated for mental conditions and 47% for neurological conditions. Of the total number of mental cases, 55.2% were neurotic disturbances. The number of men and women is approximately the same. Women prevail in the group of neurotics, but in the group of alcoholics and cases which have been diagnosed as pathologic personalities, the number of men is considerably higher. Tables. 3 Yugoslav references.

1/1

YUGOSLAVIA

KILIBARDA, Momcilo, Dr; Federal Council for Health Protection (Savezni zavod za zdravstvenu zastitu), Belgrade.

"The Frequency of Neuropsychiatric Disturbances in Yugoslavia"

Belgrade, Narodno zdravlje, Vol 21, No 10, 1965, pp 277-281

Abstract: On the basis of data from medical stations on the fluctuation of mental disturbances, it can be concluded that the number of recorded cases of mental disturbances from 1950 to 1962 increased 11 times, or more than 9 times per 1000 inhabitants. This increase in the total morbidity structure is 4.3, thus indicating the seriousness of this problem. Among the factors which influence the recording of increase in mental disturbances, besides improvement of conditions for diagnosis and better health protection, are rapid changes in the way of life and increased stress as a result of urbanization and industrialization. Tables and graphs. 8 Yugoslav references.

JAMNICKI, A.: KILIBARDA, M.: ILIJEV, N.

Observations on the blood pressure changes in chronic exposure to lead. Arh.hig.reda 6 no.1:23-27 1955

1. Centralni higijenski zavod, Sarajevo, Centralni higijenski zavod Beograd i Centralni higijenski zavod, Skoplje

(BLOOD PRESSURE, physiol.

eff. of chronic exposure to lead(Ser))

(LEAD,

chronic exposure, eff. on blood pressure (Ser))

KILIBARDA, Milos, dr.; DURIC, Dusan, dr., ing.

Toxicology of radioactive materials. Voj.san.pregl. 18 no.8:668-672

1. Institut za medicinu rada NR Srbije.

(RADIOISOTOPES toxicol)

L 45713-65 EWT(1)/T/EEC(B)-2 P1-4 IJP(a) 04/GS

ACCESSION NR: AT5009632

UR/0000/64/000/000/0110/0114

AUTHOR: Klichenko, I. M.

28
8+1

TITLE: Differential method for the investigation of structural effects in crystal-line bodies

SOURCE: Ukr. Univ. fizyky tverdogo tila (Problems in solid state physics). Lvov, Vyd-vo L'viv. univ., 1964, 110-114

TOPIC TAGS: structure effect, differential method, specific heat, residual resistivity, crystal imperfection

ABSTRACT: A differential method is described for measuring the excess specific heat and the residual electric resistivity in a solid with imperfect crystal structure. Two samples of identical size and mass are heated in an alternating electric field. By measuring the temperature difference between the samples with the aid of highly sensitive thermocouples it is possible to determine the difference in the specific heat, and in the case of semiconductors and dielectrics also the difference in the specific resistivities of the samples. The theory of the method is briefly described. The apparatus is illustrated in Fig. 1 of the En-

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1 45713-65

ACCESSION NR: AT5009632

closure. It can determine a difference in specific heat of 0.01%. Orig. art.
has: 1 figure and 4 formulas.

ASSOCIATION: None

SUBMITTED: 22Jan64

ENCL: 01

SUB CODE: SS, EM

NR REF SOV: 003

OTHER: 002

L 24173-66 EWT(1)/EWT(m)/EPF(n)-2/EWA(d)/EWP(t)/ETC(m)-6 IJP(c) JD

ACC NR: AR6005231

SOURCE CODE: UR/0058'65/000/009/E116/E116

AUTHOR: Kilichenko, I. M.

TITLE: Effect of mechanical and heat treatment on the specific heat of Alpha-brass

SOURCE: Ref. zh. Fizika, Abs. 9E960

REF. SOURCE: Visnyk L'vivs'k. un-tu. Ser. fiz. L'viv, 1964, 55-57

TOPIC TAGS: brass, specific heat, calorimetry, metal heat treatment, annealing, resistivity, hardness

ABSTRACT: An inductively heated differential calorimeter is used to measure the true specific heat of α -brass after deformation by uniaxial compression by 60% and annealing of the samples at different temperatures. A slight ($\sim 1\%$) increase in the specific heat is observed as a result of the deformation, and also an increase in the relative specific heat in the annealing-temperature region 150--250C. The same samples were simultaneously measured for electric resistance and microhardness.

SUB CODE 20

Cord 1/1 FV

KILICHENKO, I.M.

Effect of mechanical and thermal treatment on the heat capacity of
zinc. Izv. vys. ucheb. zav.; fiz. 8 no.2:43-46 '65. (MIRA 1887)

1. L'vovskiy gosudarstvennyy universitet imeni Ivana Franko.

KILICHENKO, Yu.G., inzh.

The UPI-1 unit. Mekh. i avtom. proizv. 18 no.10:39-40 0 '64.
(MIRA 17:12)

POZNER, Viktor Mikhaylovich; KIRINA, Tamara Il'inichna; PORFIR'YEV, Gleb Sergeyevich. Uchastvovali: AFRODOVA, A.A.; VISSARIONOVA, A.Ya; ZAKHAROVA, M.M.; KILIGINA, M.L; KOVYAZINA, N.M.; LUN'YAK, I.A.; MUSINA, K.K.; ORLOVA, I.N.; SAVINOVA, S.I.; TAZLOVA, Ye.N.; TERENT'YEVA, V.D.; FADEYEVA, M.I.; CHERNOVA, Ye.I.; SHEL'NOVA, A.K. TIKHIY, V.N., red.; DAYEV, G.A., ved. red.; GENNAD'YEVA, I.M., tekhn. red.

[Volga-Ural oil-bearing region; Carboniferous sediments] Volgo-Ural'skaya neftenosnaya oblast'. Kamennougol'nye otlozheniya. Leningrad, Gos. nauchn. tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1957. 287p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy no. 112) (MIRA 11:12)
(Volga Valley--Geology, Stratigraphic)
(Ural Mountain region--Geology, Stratigraphic)

KILIGINA, ML .

USSR/Geology

Iron Ores

May 49

"Devonian Colitic Iron Ores in Western Bashkir and Eastern Tatar," L. M. Mirovol'skiy, K. R. Tisergazin, L. F. Solontsov, N. M. Kovyazin, M. I. Kiligina, KAZAN affiliate, Acad Sci USSR, 3 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 1

Devonian colithic iron ore deposits are the most westerly in the Russian Platform and are important as a criterion. Gives sites of deposits and describes various strata and their composition. Submitted by Acad D. S. Belyankin, 2 Mar 49

PA 50/49747

SILIGINA, M.L.

COMMON ELEMENTS		PRECEDENCE AND PROPERTIES INDEX	
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Devonian oolitic Fe ores in Western Bashkiria and Eastern Tataria. L. M. Mironovskii, K. R. Timergazina, L. P. Sokolov, N. M. Kopylov, and M. I. Siligina. Doklady Akad. Nauk S.S.S.R. 60, 1959 (1959). Sedimentary Devonian Fe ores are known in the European parts of the S.S.S.R., especially on the western slopes of the Urals, in the Bashkirian A.S.S.R. in the Katar'ska District, and in the southern parts near Novokhopersk. According to Mironov (C.I. 43, 5700) they are marine hematite-chamosite ores which are gradually changing in the Katar'ska District to diasporo-chamosite bauxites. Their formation on the East-European platform belongs to the middle Upper Devonian. The stratigraphic details are extensively discussed. The ores are more or less dark-brown or -green colored. The chamosite oolites usually have a max. diameter of 1.4 mm., most frequently cemented by a dense "gel chamosite" mineral, with inclusions of foreign material, org. residuals, pyrite, etc. The cementing material may also have developed to scaly chamosite, or it is interpersed with calcite, siderite, or clay. The variation in Al_2O_3 content can be used for a chem. classification of the ores. Many types of decomposition or recrystn. of the ores are observed: the calcite, siderite, or gel chamosite may simply recrystallize; pyrite, chamosite, and siderite may be changed to Fe hydroxide ores; or the chamosite may be changed to siderite, or (more rarely) to calcite by metasomatic reactions. Additionally mech. deformations are common. Beside the undisturbed marine origin of the oolitic ores a certain abruptly rhythmic character of the sedimentation is typical for the cycle of the middle Upper Devonian.

EH
5/21/54

ASM-SLA METALLURGICAL

KILIGINA, M.L. (Kazan'); KRUPIN, V.I. (Kazan'); SHEL'NOVA, A.K. (Kazan');
SHISHKIN, A.V. (Kazan'); KHALYMBADZHA, V.G. (Kazan')

Stratigraphy of coal deposits in Tatarstan and southern Udmurt
A.S.S.R. Uch.zap.Kaz.un. 115 no.10:94-98 '55. (MLRA 10:5)
(Tatar A.S.S.R.--Coal geology)
(Udmurt A.S.S.R.--Coal geology)

KILIGINA, M.L.; SHNEL'NOVA, A.K.

Boundary between the Devonian and Carboniferous in the Tatar A.S.S.R.
and the age of the terrigenous formation in the lower Carboniferous.
Trudy VNIGNI no.14:97-103 '59. (MIRA 12:10)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya tresta
Tatneftogazraevodka.
(Tatar A.S.S.R.--Geology, Stratigraphic)

KRUPIN, V.I.; KILIGINA, M.L.; SHEL'NOVA, A.K.; KHALYMBADZHA, V.G.

Carboniferous sediments of the western, northern, and northeastern
Tatar A.S.S.R. and southern Udmurtia. Uch. zap. Kaz. un. 121
no.2:3-94 '61. (MIRA 14:9)

(Tatar A.S.S.R.--Geology, Stratigraphic)
(Udmurt A.S.S.R.--Geology, Stratigraphic)

SHEVTSCV, S.I.; KARAGINA, M.L.

Traces of volcanic activity in Devonian deposits of the northern
part of Kirov Province. Dokl. AN SSSR 139 no.3:696-698 J1 '61.
(MIRA 14:7)

1. Trest "Tatneftegazrazvedka". Predstavleno akademikom
N.M. Strakhovym.
(Syr'yany region--Volcanic ash, tuff, etc.)

PRITULA, Yu.A.; ABRIKOSOV, I.Kh.; AVROV, P.Ya.; KAZACHENKO, A.A.; KILIGINA,
N.I.; KULIKOV, F.S.; MEL'NIKOV, A.M.; TATARINOV, A.G.;
TROYEPOL'SKIY, V.I.; TSYPLENKOV, G.G.; SHPIL'MAN, A.I.;
DAYEV, G.A., vedushchiy red.; LINTROP, N.T., red.;
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Volga-Ural oil-bearing region; oil potential] Volgo-Uralskaia
neftenosnaia oblast'; neftenosnost'. Leningrad, Gostoptekhhizdat,
1957. 175 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.104). (MIRA 16:8)
(Volga-Ural region--Petroleum geology)

USSR/Human and Animal Morphology (Normal and Pathological). S-1
Digestive System. Digestive Tract and Glands

Abs Jour: Ref Zhur - Biol., No 19, 1958, 88327

Author : Kilik, P. P.

Inst : Not Given

Title : Topographo-Anatomical Characteristics of the
Vermicular Process in Adults

Orig Pub: Novyy khirurg. arkhiv, 1957, No. 4, 22-27

Abstract: The dimensions of the vermicular process (VP), the form of its base, the place of its origin, the patency of its lumen and its relation to other organs, were studied in 267 cadavers of men of various age groups. The median length of the VP in adults was 7.6cm. The median size of the VP increases up the age of 35 years, and later decreases irregularly. The shape of the VP depends upon the shape of the cecum

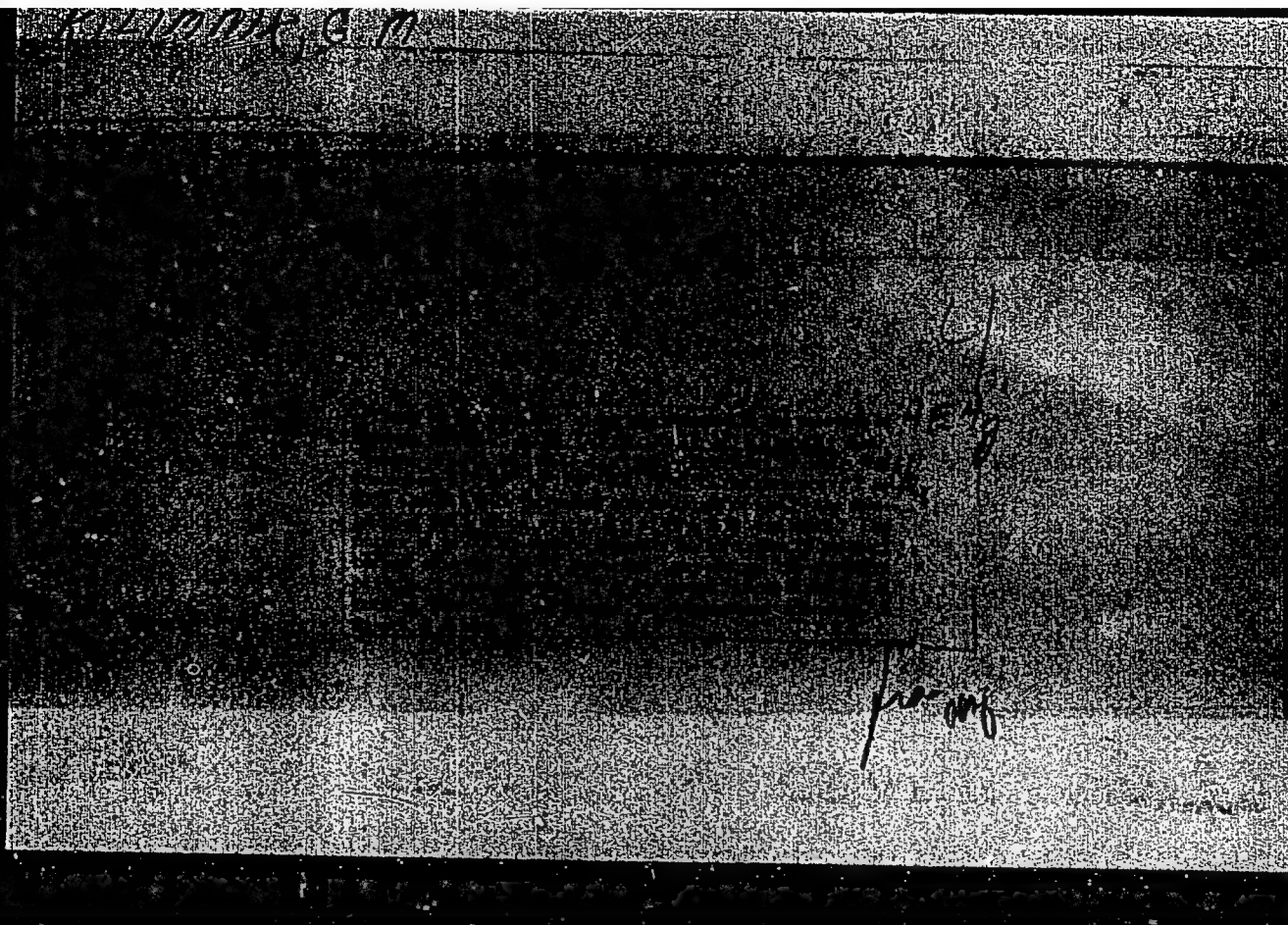
Card 1/2

KILIMCHUK, N.

Repairing ball joints of reactive rods. Avt.transp. 39 no.9:
52 S '61. (MIRA 14:10)
(Machine-shop practice)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000722520014-8



APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000722520014-8"

GRISHIN', I.N., dots.; KILIMOV, L.M., inzh.

Using roller analogies and roller stands in studying contact strength
of gear wheels. Trudy LVMI no.6:158-166 '57. (MIRA 11:5)
(Gearing--Testing)

B. L. M., S. F.

INSTRUMENTATION: SCINTILLATORS

"Measurement of the Duration of Glow of Organic Scintillators", by S.F. Kilin, A.A. Pavlov, and I.M. Rozman, Pribory i Tekhnika Eksperimenta, No2, September-October 1956, pp 50-53.

Description of a setup for the measurement of the duration of the glow of organic scintillators excited by electrons. The duration of the glow is determined from the difference in phases between a modulated electron beam and the output current of the photo multiplier. The sensitivity of the set-up is approximately 2×10^{-10} seconds. Results of measurements with plastic scintillators are cited. Refers to a great number of American and British articles on the subject.

Card 1/1

KILIKYEVA, M. A.

USSR / Cultivated Plants. Fodder Crops.

M-5

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 38647

Author : Borg, D. N.; Kilikyeva, M. A.

Inst : Molotov University

Title : Alfalfa Sowings in Kolkhoz' of the Molotov Oblast'

Orig Pub : Izv. Yestestv. nauchn. in-ta pri Molotovsk. un-to,
1957, 13, No 10, 65-74

Abstract : No abstract given

Card 1/1

KILIKEYEVA, M. A.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000722520014-8"

Country : USSR

Category: Cultivated Plants. Fodders.

Abs Jour: RZhBiol., No 22, 1958, No 100343

Author : Ovesnov, A.M.; Kilikyeva, M. A.

Inst : Natural Science Inst. Permsk Univ.

Title : A Trial in the Cultivation of Esparcot in
Permskaya Oblast'.

Orig Pub: Izv. Yestestv.- nauchn. in-ta pri Permsk. un-te,
1957, 14, No 1, 31-42

Abstract: From 1951 to 1955, 5 varieties of esparcet
were studied at the Training and Experimental
Farm of Permskiy University. The best ones proved
to be the hybrids 2842 and 2795 and the sand es-
parcet 1251. In the majority of the experiments,
the hay yield of esparcet comprised 50 centners/ha

Card : 1/2

M-93

USSR/Geography - Aerial Photogrammetry Jul 52

"For the Introduction of Aerial Photogrammetry Into the Practice of Contemporary Geographical Research," Ye. Ya. Kilikovskaya and N.N. Gribov

"Vest Leningrad U, Ser Biol, Geog, Geol" No 7, pp 99-105

States that outstanding Soviet scientific photogrammetrists, N. M. Alekapol'skiy, F. V. Drobyshev, N. G. Kell', M. D. Konshin, G. B. Romanovskiy, A. S. Skiridov, etc., are developing photogrammetry, suitable instruments, and procedures for use of aerial photographs in making

243761

of topographic charts of different scales, in connection with study of future courses of canals.

243761

KILIKOVSKAYA, YE. YA

KILIKOVSKAYA, Ye.Ya.

Inclination effect of aerial photographs on the coordinates of
points. Uch. zap. LGU no.226:138-151 '58. (MIRA 11:11)
(Aerial photogrammetry)

KILILLOVA, T.V.

~~.....~~
Radiation balance of a water surface. Trudy GGO no.59:16-21 '56.

(MIRA 10:3)

(Solar radiation)

KILILLOVA, T.V.; OGNEVA, T.A.; TIMOFEEV, M.P.

~~Evaporation from surfaces of inland bodies of water. Trudy GGO no. 59:40-~~
44 '56. (MLRA 10:3)

(Evaporation)

KILIMANN, V., ing.; BUCSE, I. ing.; FACILIA, I., ing.

Precise working of boreholes by horizontal boring machines.
Constr mas 15 no.11/12:760-764 N-D 163.

KILIMENKO, Ivan Pavlovich.

MTPG-75 welding machine in construction work Leningrad, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 74 p. (Novatory stroitel'noi industrii) (55-29833)

TEL 60.K52

KILIMENKO, K.

Berri, L and Kilimenko, K., "From the industrial workers, scientific workers, and technicians of the city of Leningrad and of Leningrad Oblast to Comrade Iosif Vissarionovich Stalin," (Pieces for 1949), Propaganda i agitatsiya, 1949, No. 7, p. 3-7.

SC: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949).

KILINIK, A. M.

Kilimik, A. M. "The dynamics of sugar in the blood of women in normal and weak labor", Sbornik nauch. trudov (Rost. obl. nauch.-issled. nauchensko-issled. in-t), Issue 8, 1948, p. 135-46.

So: U-1261, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

BONDYREV, A., obshchestvennyy instruktor, parashyutist; KILIMNIK, A.
(s.Vyazovok, Gorodishchenskogo); GLADKOV, N., zasluzhennyy master
sporta; KOVGANOV, V. (Gr.dno); KRYZHENKO, Vl. (pos.Tomilno,
Moskovskoy oblasti)

Facts, events, people. Kryl.rod. 14 no.1:12-13 Ja '63.
(MIRA 16:1)

(Aeronautics)

KILDENIK, A. M.

Kilennik, A. M. "Qualitative indexes of the work of delivery rooms in the production enterprises of Rostov-on-Don during 1946", (Author's summary of the paper), Sbornik nauch. trudov (Rost. obl. nauch.-issled. akushe. shk.-ginek. in-t), Issue 8, 1948, p. 215.

So: U-3261, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

K. KILIMNIK, A.M.
KILIMNIK, A.M.

Changes in the veins following prolonged intravenous drip infusions of penicillin. Akush. i gin. 32 no.5:53-56 S-O '56. (MIRA 10:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. P.Ya.Lel'chuk)
Rostovskogo meditsinskogo instituta.

(INFUSIONS, PARENTERAL, compl.

penicillin infusions, intravenous, causing changes
of veins)

(VEINS, dis.

wall changes in intravenous infusions of penicillin)

KULENIK, A.M., doctent

Homotransplantation of ovaries performed by the continuous flow and nonflow methods. Shor. nauch. trid. Rost. gos. med. inst. no.21: 189-203 1963.

Hormones secreted by ovaries during their preservation by the continuous flow method. Ibid.:205-210

Electrocardiogram in the cases of ovaries during the preservation of ovaries by the continuous flow method. Ibid.:211-217

Mitological structure of the ovaries preserved by the continuous flow method. Ibid.:219-225

Phosphorus and calcium of lysol's solution in the preservation of ovaries by the continuous flow method. Ibid.:227-238

(Ibid. 17:14)

1. In kafedry akusherstva i ginekologii (zav. - prof. P.Ya. Belluchuk) i gistologii (zav. - prof. K.A. Lavrov) i kafedry biokhimi (zav. - prof. Yu.M. Gubarev [deceased]) Rostovskogo meditsinskogo instituta.

KILIMNIK, Fraim Khaymovich, agronom; MASHKINA, A., red.; KUZNETSOVA, A.,
tekhn. red.

[Mechanization of work in hotbeds] Mekhanizatsiia rabot na par-
nikakh. Moskva, Mosk. rabochii, 1962. 28 p. (MIRA 15:9)

1. Vtoroye otdeleniye sovkhoza imeni Mossoveta, poselok Kosino
(for Kilimnik).

(Moscow Province--Hotbeds)

KILIMNIK, G.; KAZANOVICH, I.

Improve training courses for managerial personnel. Prom.koop.no.7:
55-57 J1'55. (MLRA 8:11)

1. Direktor uchebnogo kombinata Ukrpromsoвета (for Kilimnik)
2. Zamestitel' direktora po uchebnoy chasti (for Kazanovich)
(Business education)

Kilimnik G. M.

USSR/Physical Chemistry, Thermodynamics, Thermochemistry,
Equilibriums, Phys-Chem. Anal-is, Phase-Transitions.

B-8

Abs Jour : Ref Zhur - Khimiya, No 7, 1957, 22331.

Author : A. M. Golub, G. H. Kilimnik.

Inst : Not given

Title : Study of barium chloride solubility in presence of calcium chloride.

Orig Pub : Zh. prikl. Khimii, 1956, 29, No 1, 17-22.

Abstract : $BaCl_2$ (I) solubility (S) in presence of from 3 to 33 weight % of $CaCl_2$ (II) at temperatures 24-70° is studied. It is shown that SI strongly diminishes with the increase in concentration of II and becomes a very small quantity at 33 weight % of the latter (0.05 weight % at 24°). The character of SI variations shows the absence of formation of chloride complexes of Ba in solution which contains - I and II at the same time. With the growth in temperatures SI increase sharper with small concentrations of II and does not vary almost in concentrated solutions of II. On the basis of qualitative study of the system's solid phase the authors recommend to conduct the extraction of pure I from heated solutions (over 30-40°) at low concentrations of II (not over 30-33%).

Card 1/1

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5(4)

SOV/78-4-6-23/44

AUTHORS: Golub, A. M., Kilimnik, G. M.

TITLE: On the Problem of the Coloration of the Copper Thiocyanate Complex in Solution (K voprosu ob okraske rodanidnykh kompleksov medi v rastvore)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 6, pp 1352-1358 (USSR)

ABSTRACT: Spectrophotometric investigations were carried out in aqueous and alcoholic KCNS-CuCNS-solutions, aqueous $Cu(ClO_4)_2$ -solution, alcoholic solution of $Cu(CNS)_2$, $CuCl-LiCl$ and $Cu(CNS)_2-KCNS$ in acetone medium. The results are given in the figures 1 and 2. It was found that the red color in recently produced $Cu(CNS)_2-KCNS$ -solution is equal to that of a longer stored $CuCNS-KCNS$ acetone solution. The alcoholic $Cu(CNS)_2$ solution has a yellow color. The compound $Cu(CNS)_2$ is decomposed by the addition of acetone under the separation of monovalent copper thiocyanate. It is assumed that the coordination structure of the thiocyanate ion and the copper ion in the acetone solution is changed and that a donor-acceptor interaction

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takes place between the central atom and the acetone molecules. A colorless crystalline salt of the composition $K_2Cu(CNS)_3$ was isolated from an acetone solution (Fig 3). The crystals are easily solved in acetone, the salt decomposes in water. The crystals decompose only partly in alcohol. The crystals melt by heating at $55^\circ - 165^\circ$, and decompose at $220^\circ - 230^\circ$ under production of gaseous substances. There are 3 figures and 8 references, 4 of which are Soviet.

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